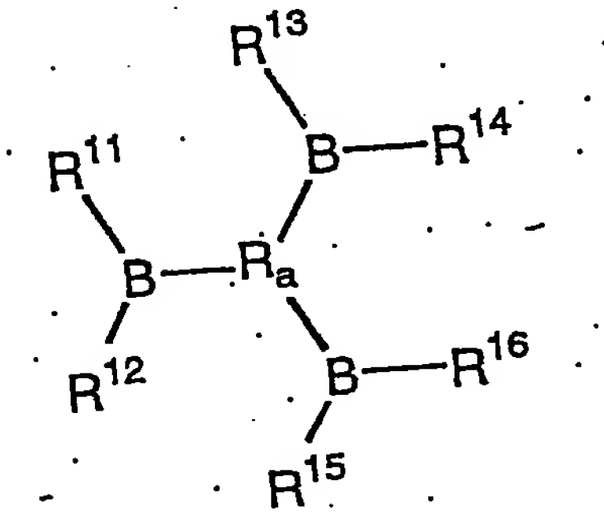
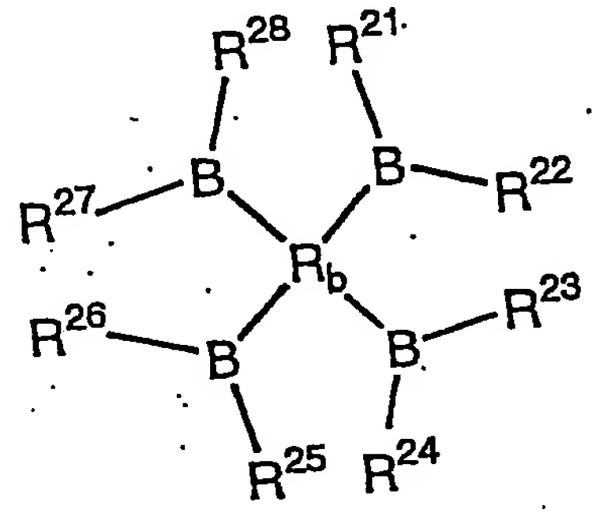
consisting of compounds represented by the following general formulas (1) to (4)

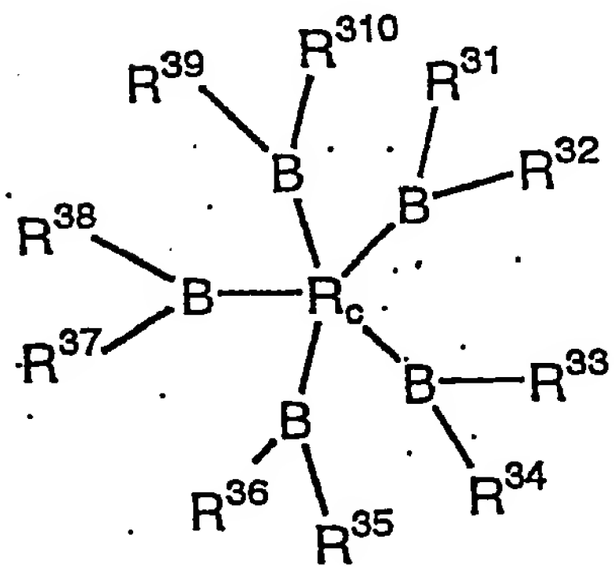
general formula (1)



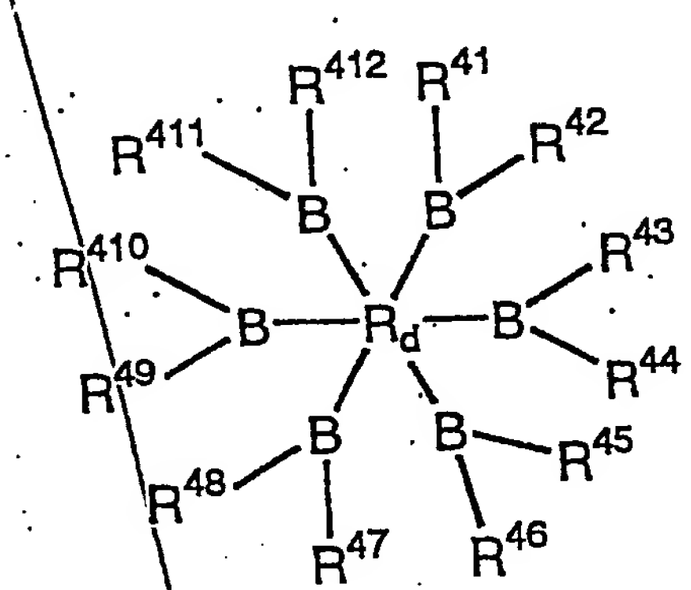
general formula (2)



general formula (3)



general formula (4)



wherein

R^{11}, R^{12}, R^{13}, R^{14}, R^{15} and R^{16} in formula (1), R^{21}, R^{22}, R^{23}, R^{24}, R^{25}, R^{26}, R^{27} and R^{28} in formula (2), R^{31}, R^{32}, R^{33}, R^{34}, R^{35}, R^{36}, R^{37}, R^{38}, R^{39} and R^{310} in formula (3), and R^{41}, R^{42}, R^{43}, R^{44}, R^{45}, R^{46}, R^{47}, R^{48}, R^{49}, R^{410}, R^{411} and R^{412} in formula (4), which may be the same or different, each represent a hydrogen atom, a halogen atom or a monovalent group, or are bound to each other to form a ring,

Ra in formula (1) represents a group having a site capable of being bound to at least 3 boron atoms which are the same or different, Rb in formula (2) represents a group having a site capable of being bound to at least 4 boron atoms which are the same or different, Rc in formula (3) represents a group having a site capable of being bound to at least 5 boron atoms which are the same or different, and Rd in formula (4) represents a group having a site capable of being bound to at least 6 boron atoms which are the same or different.

3. (Amended) The polymeric electrolyte according to claim 2, wherein R^{11}, R^{12}, R^{13}, R^{14}, R^{15}, R^{16}, R^{21}, R^{22}, R^{23}, R^{24}, R^{25}, R^{26}, R^{27}, R^{28}, R^{31}, R^{32}, R^{33}, R^{34}, R^{35}, R^{36}, R^{37}, R^{38}, R^{39}, R^{310}, R^{41}, R^{42}, R^{43}, R^{44}, R^{45}, R^{46}, R^{47}, R^{48}, R^{49}, R^{410}, R^{411} and R^{412} are one or more of an alkyl group, an aryl group and flourine- substituted derivatives thereof.

4. (Amended) The polymeric electrolyte according to any one of claims 1 to 3, wherein the polymeric compound is one or more selected from the

group consisting of a polyalkylene, a polyether, a polyester, a polyamine, a polyimide, a polyurethane, a polysulfide, a polyphosphazene, a polysiloxane, derivatives thereof, copolymers thereof and crosslinked products thereof.

5. (Amended) The polymeric electrolyte according to any one of claims 1 to 3, wherein the polymeric compound is one or more selected from the group consisting of a polyalkylene oxide, polyvinylidene fluoride, polyhexafluoropropylene, polyacrylonitrile, polymethyl methacrylate, derivatives thereof, copolymers thereof and crosslinked products thereof.

6. (Amended) The polymeric electrolyte according to any one of claims 1 to 3, wherein the electrolytic salt is a metallic salt.

7. (Amended) The polymeric electrolyte according to claim ~~6~~ 5, wherein the metallic salt is a lithium salt.

8. (Amended) The polymeric electrolyte according to claim ~~7~~ 6, wherein the lithium salt is one or more selected from the group consisting of $LiBF_4$, $LiPF_6$, $LiClO_4$, $LiAsF_6$, $LiCF_3SO_3$, $LiN(CF_3SO_2)_2$, $LiN(C_2F_5SO_2)_2$, $LiC(CF_3SO_2)_3$, LiCl, LiF, LiBr, LiI, derivatives thereof and like.

9. (Amended) The polymeric electrolyte according to any one of claims 1 to 3, further comprising a nonaqueous solvent.

10. (Amended) The polymeric electrolyte according to claim ~~9~~ 8, wherein the nonaqueous solvent is an aprotic solvent.

11. (Amended) The polymeric electrolyte according to claim 10, wherein the aprotic solvent is one or more selected from the group consisting of carbonates, lactones, ethers, sulfolanes and dioxolanes.

12. (Amended) The polymeric electrolyte according to any one of claims 1 to 3, wherein the molar ratio of the compound having boron atoms to the electrolytic salt is 0.1:100 to 300:100.

13. (Amended) An electric device comprising the polymeric electrolyte according to any one of claims 1 to 3.

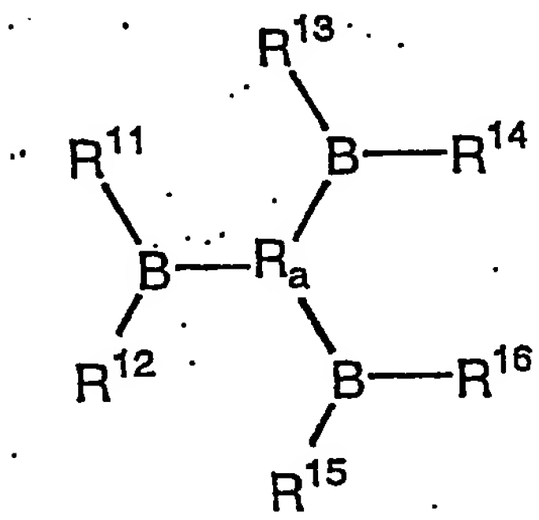
14. (Amended) A cell comprising a positive electrode, a negative electrode and the polymeric electrolyte according to any one of claims 1 to 3, said electrodes being linked through said electrolyte.

15. (Amended) The cell according to claim 14, wherein the positive electrode is made of a double metal oxide capable of occluding and releasing lithium ions, and the negative electrode is made of a lithium metal, a lithium alloy or a compound capable of reversibly occluding and releasing lithium ions.

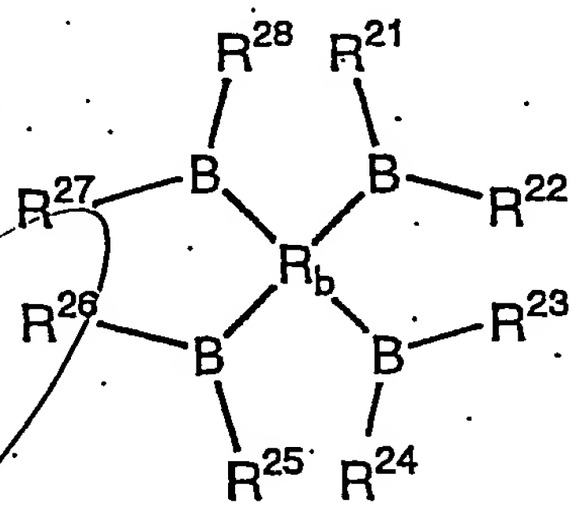
16. (Amended) A nonaqueous electrolyte comprising an electrolytic salt, a nonaqueous solvent that dissolves the electrolytic salt, and a compound having boron atoms.

17. (Amended) The nonaqueous electrolyte according to claim 16, wherein the compound having boron atoms is one or more selected from the group consisting of compounds represented by the following general formulas (1) to (4)

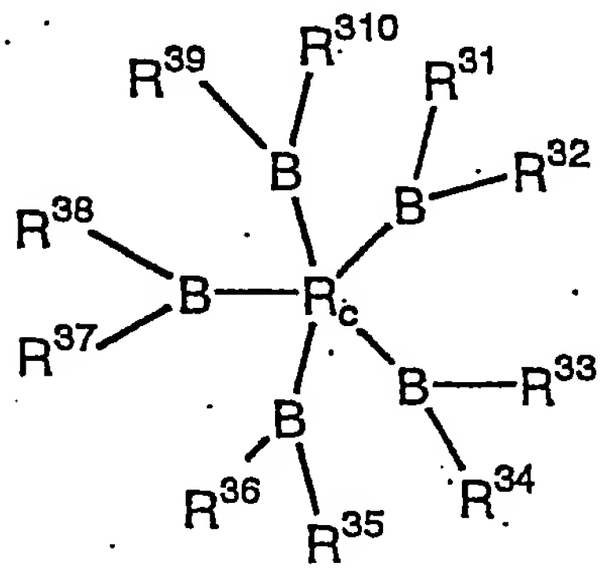
general formula (1)



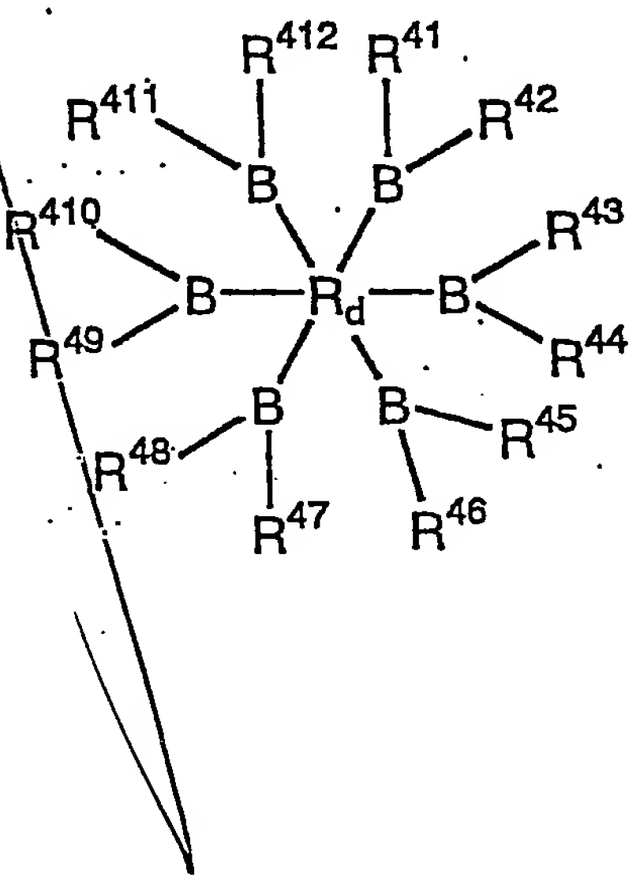
general formula (2)



general formula (3)



general formula (4)



wherein

R^{11}, R^{12}, R^{13}, R^{14}, R^{15} and R^{16} in formula (1), R^{21}, R^{22}, R^{23}, R^{24}, R^{25}, R^{26}, R^{27} and R^{28} in formula (2), R^{31}, R^{32}, R^{33}, R^{34}, R^{35}, R^{36}, R^{37}, R^{38}, R^{39} and R^{310} in formula (3), and R^{41}, R^{42}, R^{43}, R^{44}, R^{45}, R^{46}, R^{47}, R^{48}, R^{49}, R^{410}, R^{411} and R^{412} in formula (4), which may be the same or different, each represent a hydrogen atom, a halogen atom or a monovalent group, or are bound to each other to form a ring,

Ra in formula (1) represents a group having a site capable of being bound to at least 3 boron atoms which are the same or different, Rb in formula (2) represents a group having a site capable of being bound to at least 4 boron atoms which are the same or different, Rc in formula (3) represents a group having a site capable of being bound to at least 5 boron atoms which are the same or different, and Rd in formula (4) represents a group having a site capable of being bound to at least 6 boron atoms which are the same or different.

18. (Amended) The nonaqueous electrolyte according to claim 17, wherein R^{11}, R^{12}, R^{13}, R^{14}, R^{15}, R^{16}, R^{21}, R^{22}, R^{23}, R^{24}, R^{25}, R^{26}, R^{27}, R^{28}, R^{31}, R^{32}, R^{33}, R^{34}, R^{35}, R^{36}, R^{37}, R^{38}, R^{39}, R^{310}, R^{41}, R^{42}, R^{43}, R^{44}, R^{45}, R^{46}, R^{47}, R^{48}, R^{49}, R^{410}, R^{411} and R^{412} are one or more of an alkyl group, an aryl group and fluorine-substituted derivatives thereof.

19. (Amended) The nonaqueous electrolyte according to any one of claims 16 to 18, wherein the electrolytic salt is a metallic salt.

20. (Amended) The nonaqueous electrolyte according to claim 19, wherein the metallic salt is a lithium salt.

21. (Amended) The nonaqueous electrolyte according to claim 20, wherein the lithium salt is one or more selected from the group consisting of $LiBF_4$, $LiPF_6$, $LiClO_4$, $LiAsF_6$, $LiCF_3SO_3$, $LiN(CF_3SO_2)_2$, $LiN(C_2F_5SO_2)_2$, $LiC(CF_3SO_2)_3$, LiCl, LiF, LiBr, LiI, derivatives thereof and the like.

22. (Amended) The nonaqueous electrolyte according to any one of claims 16 to 18, characterized in that the nonaqueous solvent is an aprotic solvent.

23. (Amended) The nonaqueous electrolyte according to claim 22, wherein the aprotic solvent is one or more selected from the group consisting of carbonates, lactones, ethers, sulfolanes and dioxolanes.

24. (Amended) The nonaqueous electrolyte according to any one of claims 16 to 18, wherein the molar ratio of the compound having the boron atoms in the structure to the electrolytic salt is 0.1:100 to 300:100.

25. (Amended) An electric device comprising the nonaqueous electrolyte according to any one of claims 16 to 18.

26. (Amended) A cell comprising a positive electrode, a negative electrode, the nonaqueous electrolyte according to any one of claims 16 to 18 and a separator, said electrodes being linked through said electrolytes and said separator.